

GENERAL POWER OF ATTORNEY

(for several international applications filed under the Patent Cooperation Trea ty)

The undersigned person(s): (Family name followed by given no	ame; for a legal entity, full official o	designati on. The address must i	nclude postal code and name of country.)
Sean A. Johnston Vice President GENENTECH, INC. 1 DNA Way South San Francisco, Cal 94080-4990 US	ifomia		
hereby appoints (appoint) the fo	llowing person as:	agent Comm	oon representative
Name and address (Family name followed by given name	e; for a legal entity, full official des	ignat ion. The address must incl	ude postal code and name of country.)
AGARWAL, Atulya R. BARNES, Elizabeth M. EVANS, David E. CARPENTER, David A. CONLEY, Deirdre L. CUI, Steven X.	HASAK, Janet E JOHNSTON, Sean A. KRESNAK, Mark T. KUBINEC, Jeffrey S LEE, Wendy M. MARSCHANG, Diane L.	NAIK, Paul SCHWARTZ, Timothy R. SHIN, Elinor K. SVOBODA, Craig G. TAN, Lee K. YEUNG, Bonny G. All of: GENENTECH, IN 1 DNA Way South San Francisco, Calif 94080-4990	
to represent the undersigned bef	Tore X	all the competent Internati	onal Authorities
		the International Searchin	g Authority only ary Examining Authority only
in connection with any and all in	ternational applications filed b	y the undersig ned with the fo	llowing Office
United States Patent and	Trademark Office		as receiving Office
and to make or receive payment	s on behalf of the undersigned.		
Signatures of the applicant(s)	(where there are several persons, each signing and the capacity in which the pe		ure, indicate the name of the person ious from reading this power):
Sear Johnston	<u></u>		
Sean A. Johnston			
•	•		
Date: 19 February	2003		
10 lebroury	2003		

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The undersigned person(s): (Family name followed by given na	me; for a legal entity, full officio	al designation. The address must include postal code and name of country.)
CHIU, Henry		
hereby appoints (appoint) the following	lowing person as:	agent common representative
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AGARWAL, Atulya R. BARNES, Elizabeth M. EVANS, David E. CARPENTER, David A. CONLEY, Deirdre L. CUI, Steven X.	HASAK, Janet E JOHNSTON, Sean A. KRESNAK, Mark T. KUBINEC, Jeffrey S LEE, Wendy M. MARSCHANG, Diane L.	NAIK, Paul SCHWARTZ, Timothy R. SHIN, Elinor K. SVOBODA, Craig G. TAN, Lee K. YEUNG, Bonny G. All of: GENENTECH, INC 1 DNA Way South San Francisco, California 94080-4990 US
to represent the undersigned before	ore X	all the competent International Authorities
		the International Searching Authority only
	Ц	the International Preliminary Examining Authority only
in connection with any and all int	ernational applications filed l	by the undersigned with the following Office
United States Patent and 1		as receiving Office
and to make or receive payments	on behalf of the undersigned	i.
		n of them must sign; next to each signat ure, indicate the name of the person person signs, if such capacity is not obv ious from reading this power):
CHIU, Henry		
Nany C. Date: 9/3/2003	Lin	
Date: 9/3/2003	3	<u> </u>

PCT/USO3/3526&

GENERAL POWER OF ATTORNEY

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The undersigned person(s): (Family name followed by given n	ware for a local ontity full offic	The address		
(Family name followed by given n	ите; јог а недин епшу, јам чурог	al designaton. Ine auaress	must include postal code and n	ame of country.)
WU, Thomas D.	•			
hereby appoints (appoint) the fo	ollowing person as:	agent 🔲 c	common representative	
Name and address	To the Foundation College			
(Family name followed by given nam AGARWAL, Atulya R.			ust include postal code and nam	e of country.)
BARNES, Elizabeth M.	HASAK, Janet E JOHNSTON, Sean A.	NAIK, Paul SCHWARTZ, Timothy	, R.	
EVANS, David E. CARPENTER, David A.	KRESNAK, Mark T. KUBINEC, Jeffrey S	SHIN, Elinor K. SVOBODA, Craig G.	•	
CONLEY, Deirdre L.	LEE, Wendy M.	TAN, Lee K.		
CUI, Steven X.	MARSCHANG, Diane L.	YEUNG, Bonny G. All of: GENENTECH	1 INC	
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•		South San Francisco, 94080-4990	California US	
to represent the undersigned before	fore X	•	ernational Authorities	
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	L		rching Authority only	
	. 4	the International Prel	liminary Examining Authorit	ty only
in connection with any and all in	ternational applications filed I	y the undersigned with the	he following Office	
United States Patent and 1		·		eiving Office
and to make or receive payments				Mine Orner
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Signatures of the applicant(s) (we signatures of the applicant)	where there are several persons, each igning and the capacity in which the pe	of them must sign; next to each erson signs, if such capacity is n	h signat ure, indicate the name of the not obv ious from reading this power	re person er):
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WU, Thomas D.	Men		·	
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Date: 4 Seplem	Ser 2003		-	

PCT/USB1/15268

GENERAL POWER OF ATTORNEY

(for several international applications filed under the Patent Cooperation Treaty)

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) WOOD, William I. Name and address (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) AGARWAL, Atulya R. HASAK, Janet E NAIK, Paul SCHWARTZ, Timothy R. SHN, Elinor K. EVANS, David E. KRESNAK, Mark T. CARPENTER, David A. KUBINEC, Jeffrey S. CONLEY, Deirdre L. LEE, Wendy M. CUI, Steven X. MARSCHANG, Diane L. TAN, Lee K. YEUNG, Bonny G. All of: GENENTTECH, INC 1 DNA Way South San Francisco, California 94080-4990 US all the competent International Authorities the International Searching Authority only the International Preliminary Examining Authority only in connection with any and all international applications filed by the undersigned with the following Office United States Patent and Trademark Office as receiving Office and to make or receive payments on behalf of the undersigned.
hereby appoints (appoint) the following person as: X agent
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Name and address (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) AGARWAL, Atulya R. HASAK, Janet E NAIK, Paul SCHWARTZ, Timothy R. BARNES, Elizabeth M. JOHNSTON, Sean A. EVANS, David E. KRESNAK, Mark T. CARPENTER, David A. KUBINEC, Jeffrey S SVOBODA, Craig G. CONLEY, Deirdre L. LEE, Wendy M. TAN, Lee K. CUI, Steven X. MARSCHANG, Diane L. CUI, Steven X. MARSCHANG, Diane L. All of: GENENTECH, INC 1 DNA Way South San Francisco, California 94080-4990 US to represent the undersigned before X all the competent International Authorities the International Searching Authority only in connection with any and all international applications filed by the undersigned with the following Office United States Patent and Trademark Office as receiving Office
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AGARWAL, Atulya R. BARNES, Elizabeth M. EVANS, David E. CARPENTER, David A. CONLEY, Deirdre L. CUI, Steven X. HASAK, Janet E JOHNSTON, Sean A. EVANS, David E. KRESNAK, Mark T. SHIN, Elinor K. SVOBODA, Craig G. TAN, Lee K. YEUNG, Bonny G. All of: GENENTECH, INC 1 DNA Way South San Francisco, California 94080-4990 US to represent the undersigned before Tall the competent International Authorities the International Preliminary Examining Authority only in connection with any and all international applications filed by the undersigned with the following Office United States Patent and Trademark Office NAIK, Paul SCHWARTZ, Timothy R.
EVANS, David E. CARPENTER, David A. CONLEY, Deirdre L. CUI, Steven X. KRESNAK, Mark T. KUBINEC, Jeffrey S LEE, Wendy M. MARSCHANG, Diane L. VEUNG, Bonny G. All of: GENENTECH, INC 1 DNA Way South San Francisco, California 94080-4990 US to represent the undersigned before all the competent International Authorities the International Searching Authority only the International Preliminary Examining Authority only in connection with any and all international applications filed by the undersigned with the following Office United States Patent and Trademark Office SHIN, Elinor K. SVOBODA, Craig G. TAN, Lee K. YEUNG, Bonny G. All of: GENENTECH, INC 1 DNA Way South San Francisco, California 94080-4990 US the International Searching Authority only as receiving Office United States Patent and Trademark Office as receiving Office
CONLEY, Deirdre L. CUI, Steven X. LEE, Wendy M. MARSCHANG, Diane L. YEUNG, Bonny G. All of: GENENTECH, INC 1 DNA Way South San Francisco, California 94080-4990 US to represent the undersigned before all the competent International Authorities the International Searching Authority only the International Preliminary Examining Authority only in connection with any and all international applications filed by the undersigned with the following Office United States Patent and Trademark Office as receiving Office
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United States Patent and Trademark Office as receiving Office
and to make or receive payments on behalf of the undersigned.
Signatures of the applicant(s) (where there are several persons, each of them must sign; next to each signat ure, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obv tous from reading this power):
WOOD, William I.
William of Wood
Date: 9 4 0.3

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The undersigned person(s);			
(Family name followed by given n	ame; for a legal entity, full offici	al designation. The address must include postal co	de and name of country.)
WILLIAMS, P. Mickey			
•			
	• .		
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Name and address (Family name followed by given name	ne; for a legal entity, full official o	designaton. The address must include postal code	and name of country.)
AGARWAL, Atulya R. BARNES, Elizabeth M.	HASAK, Janet E JOHNSTON, Sean A.	NAIK, Paul	•
EVANS, David E.	KRESNAK, Mark T.	SCHWARTZ, Timothy R. SHIN, Elinor K.	
CARPENTER, David A. CONLEY, Deirdre L.	KUBINEC, Jeffrey S LEE, Wendy M.	SVOBODA, Craig G. TAN, Lee K.	
CUI, Steven X.	MARSCHANG, Diane L.	YEUNG, Bonny G.	
		All of: GENENTECH, INC 1 DNA Way	
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to represent the undersigned bef	Tore X		_
	(A)	all the competent International Authoritie	
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United States Patent and	Frademark Office	·	as receiving Office
and to make or receive payments	s on behalf of the undersigned	Ĺ	
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Signatures of the applicant(s)	Catalogical de la catalogica		•
signatures of the applicant(s) (i	onere there are several persons, each igning and the capacity in which the p	of them must sign; next to each signat ure, indicate the person signs, if such capacity is not obv ious from reading	name of the person this power):
WILLIAMS, P. Mickey			
~ 100	, /	•	
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DAM	t' 9/05/23		
Date:	1700		

rcr/cgpa/assts

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(for several international applications filed under the Patent Cooperation Treaty)

The undersigned person(s): (Family name followed by given n	name; for a legal entity, full offici	al designation. The address must include pos	stal code and name of country.)
CLARK, Hilary	•		
			*
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hereby appoints (appoint) the fo	llowing person as:	agent Common repres	entative
Name and address (Family name followed by given name	ne; for a legal entity, full official	designaton. The address must include posta	l code and name of country.)
AGARWAL, Atulya R. BARNES, Elizabeth M.	HASAK, Janet E JOHNSTON, Sean A.	NAIK, Paul SCHWARTZ, Timothy R.	
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to represent the undersigned bet	fore X	all the competent International Auti	norities
	. [the International Searching Authori	ty only
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in connection with any and all in	nternational applications filed	by the undersigned with the following O	office
United States Patent and	Trademark Office		as receiving Office
and to make or receive payment	ts on behalf of the undersigned	i.	
Signatures of the applicant(s)	(where there are several persons, each signing and the capacity in which the	h of them must sign; next to each signat ure, indic person signs, if such capacity is not obv ious from	cate the name of the person reading this power):
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CLADK Hilani			
CLARK, Hilary Alary	Anh	•	(
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Date: 9/4/03	· · · · · · · · · · · · · · · · · · ·		
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